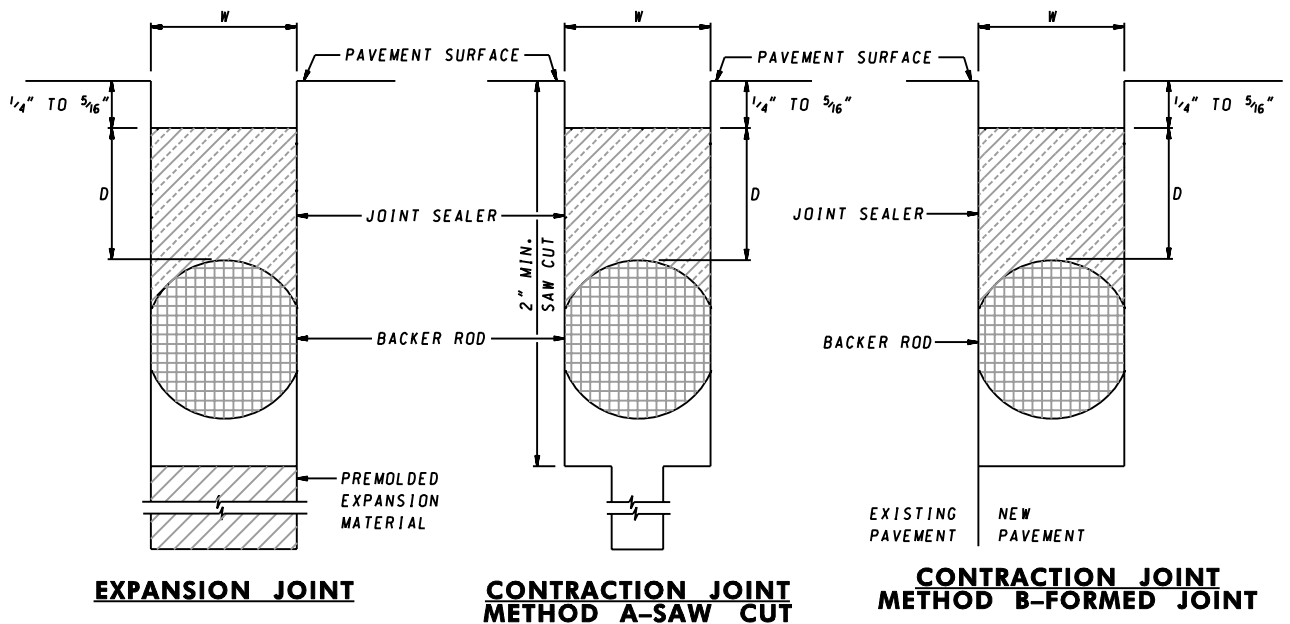


JOINTS WITH TAPE



JOINTS WITH BACKER ROD

SLAB THICKNESS = "T"
BACKER ROD DIA. = 1.25W

NOTES

1. $W = \frac{3}{4}$ " FOR TRANSVERSE EXPANSION JOINTS UNLESS FIELD CONDITIONS REQUIRE A LARGER OPENING.
 $D = W$ UNLESS SILICONE JOINT SEALANT IS USED, THEN $D = \frac{1}{2} W$.
 $W = \frac{1}{4}$ " TO $\frac{3}{8}$ " FOR TRANSVERSE CONTRACTION JOINTS & LONGITUDINAL JOINTS.
2. THE CONTRACTOR MAY ELECT TO USE TAPE OR BACKER ROD TO MAINTAIN THE SPECIFIED SHAPE FACTORS FOR THE JOINT SEALANT. THE ENGINEER MAY REQUIRE THE USE OF THE BACKER ROD IF THE TAPE METHOD DOES NOT PROHIBIT BOND OF THE JOINT SEALANT TO THE BOTTOM OF THE RESERVOIR OR IF THE BOTTOM OF THE RESERVOIR IS TOO LOW TO MAINTAIN THE SHAPE FACTOR AND THE $\frac{1}{4}$ " TO $\frac{5}{16}$ " CLEARANCE BETWEEN THE TOP SURFACE OF THE JOINT SEALANT AND THE ROADWAY SURFACE.
3. SEE SECTION 520 OF THE SPECIFICATIONS.
4. THE INITIAL SAW CUT SHALL BE $T/4 + \frac{1}{4}$ " AND SHALL BE COMPLETED WITHIN 24 HOURS AFTER PLACEMENT OF CONCRETE.
5. COST OF JOINTS SHALL BE INCIDENTAL TO THE PRICE BID FOR CONCRETE PAVEMENT REPAIRS OR CONCRETE PAVEMENTS.

SPECIFICATION 520	CATEGORY CODE ITEMS										
APPROVED	<i>Kirk G. McCall</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT										
SHA State Highway Administration	<table> <tr> <td>APPROVAL • SHA REVISIONS</td><td>APPROVAL • FEDERAL HIGHWAY ADMINISTRATION</td></tr> <tr> <td>APPROVAL 3-6-86</td><td>APPROVAL 3-18-86</td></tr> <tr> <td>REVISED 10-1-01</td><td>REVISED 2-24-88</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> </table>	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	APPROVAL 3-6-86	APPROVAL 3-18-86	REVISED 10-1-01	REVISED 2-24-88	REVISED	REVISED	REVISED	REVISED
APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION										
APPROVAL 3-6-86	APPROVAL 3-18-86										
REVISED 10-1-01	REVISED 2-24-88										
REVISED	REVISED										
REVISED	REVISED										

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
**JOINTS FOR PLAIN OR CONVENTIONALLY
REINFORCED PORTLAND CEMENT
CONCRETE PAVEMENTS**

STANDARD NO. MD 577.07